

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|----------|--|---|------------------|---------|------------------|
| L1 | 23808840 | @rlad < "20023009" or @ad < "20023009" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/11 16:00 |
| L2 | 565 | (455/569.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 16:01 |
| L3 | 298 | (455/569.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 16:01 |
| L4 | 811 | L2 or L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/11 16:01 |
| L5 | 10748 | (voice or speech) near2 (divide\$ or section\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/11 16:02 |
| L6 | 22 | 5 and 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/11 16:02 |
| L7 | 12 | 6 and 1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/11 16:02 |
| S1 | 25437657 | @rlad < "20033009" or @ad < "20033009" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 16:54 |

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|----|--------|---|---|----|-----|------------------|
| S2 | 291 | (455/569.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 17:00 |
| S3 | 198061 | (sens\$3 or detect\$3) near3 driv\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 17:53 |
| S4 | 23 | S2 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 17:03 |
| S5 | 20 | S4 and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 17:03 |
| S6 | 33 | ("4485375" "5266922" "5897505" "6085078" "6085278" "6104101" "6107922" "6114949" "6147315" "6148251" "6154123" "6154658" "6188315" "6209767" "6240347" "6246933" "6249720" "6253131" "6256558" "6263190" "6292719" "6308115" "6335689" "6339700" "6353778" "6373472" "6418362" "6430488" "6434450" "6434459" "6438465").PN. OR ("6731925"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 17:15 |
| S7 | 4 | ("5131029" "5561712").PN. OR ("6353778").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 17:19 |
| S8 | 4781 | (sens\$3 or detect\$3) near3 (driv\$3 near2 condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 17:53 |

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|-----|-------|---------------------|---|----|-----|------------------|
| S9 | 12368 | call with hold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:44 |
| S10 | 9 | S8 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 17:53 |
| S11 | 9 | S10 and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:00 |
| S12 | 2 | ("20020111738").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:02 |
| S13 | 2 | ("6587755").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:03 |
| S14 | 2 | ("20040088205").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:03 |
| S15 | 2 | ("4155525").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:04 |
| S16 | 2 | ("6401029").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:04 |

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|-----|------|---|---|----|-----|------------------|
| S17 | 2 | ("5642093").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:05 |
| S18 | 2 | ("6188945").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:05 |
| S19 | 2 | ("6232874").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:05 |
| S20 | 2 | ("4853720").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:05 |
| S21 | 2 | ("6232874").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:05 |
| S22 | 10 | ("5769085" "5808374" "6249720").PN. OR ("6580973"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 18:38 |
| S23 | 3055 | (701/1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/04 18:38 |
| S24 | 4 | S23 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:38 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S25 | 3 | S24 and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:39 |
| S26 | 5700 | (call\$3 with hold\$3) same (record\$3 or play\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:45 |
| S27 | 3 | S2 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:45 |
| S28 | 3 | S27 and S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/04 18:45 |
| S29 | 11 | ("4870676" "5418836" "5485161" "5566224" "6018671" "6269258" "6304764" "6349222" "6397057" "6553308").PN. OR ("6718187").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:10 |
| S30 | 8138 | tatsuya.inv. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:10 |
| S31 | 8138 | tatsuya.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:11 |
| S32 | 92 | daihatsu.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:16 |
| S33 | 0 | S32 and S31 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:11 |
| S34 | 8426 | hands\$free | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:21 |
| S35 | 0 | S34 and S32 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:17 |

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|-----|----------|--|---|----|----|------------------|
| S36 | 7812 | "hands-free" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:22 |
| S37 | 0 | S36 and S32 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:28 |
| S38 | 127 | (vehicle or car or automobile) with hands\$free same (sens\$3 or detect\$3 with driv\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:30 |
| S39 | 9 | S9 and S38 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:30 |
| S40 | 9 | S39 and S1 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 19:30 |
| S41 | 25439842 | @rlad < "20033009" or @ad < "20033009" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/05 14:07 |
| S42 | 127 | (vehicle or car or automobile) with hands\$free same (sens\$3 or detect\$3 with driv\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:08 |
| S43 | 63 | ((vehicle or car or automobile) with hands\$free) same (call\$3 with hold\$3 or suspend\$3 or wait\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:10 |
| S44 | 49 | S43 and S41 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:41 |
| S45 | 226 | hands\$free with (control\$3 or record\$3) near2 (speech or voice) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:42 |
| S46 | 226 | hands\$free with ((control\$3 or record\$3) near2 (speech or voice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:42 |
| S47 | 82 | hands\$free near3 ((control\$3 or record\$3) near2 (speech or voice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:44 |
| S48 | 69 | S47 and S41 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:43 |
| S49 | 9 | hands\$free near3 ((play\$back or play or record\$3) near2 (speech or voice)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:58 |

EAST Search History

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| S50 | 8 | S49 and S41 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 14:44 |
| S51 | 2 | hands\$free near3 ((play\$back or play or record\$3) near2 (call\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 15:17 |
| S52 | 0 | denso.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 15:17 |
| S53 | 20 | toshiyuki.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/05 15:17 |
| S54 | 25458384 | @rlad < "20033009" or @ad < "20033009" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:10 |
| S55 | 1353 | (control\$3 or automat\$3) near3 hands\$free | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:01 |
| S56 | 3297 | (memor\$3 or record\$3 or stor\$3 or sav\$3) near3 (voice or conversation) near2 (call\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:32 |
| S57 | 12 | S55 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:09 |
| S58 | 11 | S57 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:09 |
| S59 | 23806715 | @rlad < "20023009" or @ad < "20023009" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:10 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S60 | 10 | S57 and S59 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 15:39 |
| S61 | 561 | (455/569.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/08 16:30 |
| S62 | 295 | (455/569.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/08 16:30 |
| S63 | 805 | S61 or S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:31 |
| S64 | 9 | S63 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:31 |
| S65 | 5 | S64 and S59 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:31 |
| S66 | 3155 | (memor\$3 or record\$3 or stor\$3 or sav\$3) near3 (voice or conversation or call or talk\$3) near2 (during or while or simultaneous\$2 or amid or concurrent\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:49 |
| S67 | 10 | S66 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:41 |

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|-----|-------|---|---|----|----|------------------|
| S68 | 5 | S67 and S59 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:42 |
| S69 | 96452 | (record\$3 or stor\$3 or sav\$3) near3 (voice or conversation or call or talk\$3 or speech) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:52 |
| S70 | 143 | S69 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:50 |
| S71 | 100 | S70 and S59 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:52 |
| S72 | 190 | (real\$time) near2 (record\$3 or stor\$3 or sav\$3) near3 (voice or conversation or call or talk\$3 or speech) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:54 |
| S73 | 1 | S72 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:53 |
| S74 | 767 | (real\$time) with (record\$3 or stor\$3 or sav\$3) near3 (voice or conversation or call or talk\$3 or speech) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:54 |
| S75 | 2 | S74 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 16:54 |

EAST Search History

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|-----|----------|--|---|----|-----|------------------|
| S76 | 23808257 | @rlad < "20023009" or @ad < "20023009" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:12 |
| S77 | 563 | (455/569.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/09 15:12 |
| S78 | 297 | (455/569.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/09 15:12 |
| S79 | 808 | S77 or S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:13 |
| S80 | 3194 | "johnson controls" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:13 |
| S81 | 0 | S80 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:14 |
| S82 | 68418 | (record\$3 and play\$back) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:17 |
| S83 | 29 | S82 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:15 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S84 | 26 | S83 and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:16 |
| S85 | 47990 | (record\$3 with play\$back) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:17 |
| S86 | 56421 | ((record\$3 or stor\$3 or sav\$3) with play\$back) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:18 |
| S87 | 22 | S86 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 15:18 |
| S88 | 19 | S87 and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 16:37 |
| S89 | 77 | (audio adj2 memo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 16:38 |
| S90 | 0 | S89 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 16:38 |
| S91 | 12 | S89 and S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 16:39 |

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|-----|----|---------------------|---|----|-----|------------------|
| S92 | 10 | S91 and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 14:33 |
| S93 | 2 | ("20020137505").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:06 |
| S94 | 2 | ("6580973").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:07 |
| S95 | 2 | ("20040063472").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:07 |
| S96 | 2 | ("20010012781").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:08 |
| S97 | 2 | ("20030083113").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:12 |
| S98 | 2 | ("6108532").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:14 |
| S99 | 2 | ("20040252027").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/11 12:14 |